Currently, Nationwide Children’s Hospital is focusing recruitment efforts for the Flu Vaccine protocol on children with a specific emphasis on 6 months of age to up to 5 years of age for this season.

This study is randomized where each subject has a 50% chance of receiving the inactivated vaccine and a 50% chance of receiving the live active vaccine.

**In order to be included in the study, subjects had to meet the following criteria:**

|  |
| --- |
| 1. Has not had flu vaccine for this season |
| 1. Not allergic to eggs |
| 1. No flu like symptoms on day of vaccine |

**Our current visit schedule is below:**

This study will last for about 1 month, with 4 total visits.

Visit 1 – Day 0:

Visit 2 - Day 1

Visit 3- Day 7

Visit 4 - Day 30

**Data Being Collected is below:**

Date of Birth

Gender

Ethnicity (mother, father, child)

Race (mother, father, child)

Vitals: Height, Weight, Temperature, BP, Pulse, Respiratory Rate

Medical History

Current Conditions

Adverse Events (after vaccination)

Current Medications (dose, frequency, start and stop dates, indication)

Labs: **Yellow Top** (3-4 ml), Purple **Top** (1-3 ml each), **2- Microarray Tube** (3ml each), **Gold Top** (1 ml)

Mucosal Sample: Nasal Wash, NP Swabs

Randomized to which vaccine group